

AMENDMENTS TO THE SPECIFICATION

Please amend the **Specification** as follows:

Please replace the paragraph [0016] (which corresponds to the paragraphs [0016]-[0024] in the published Patent Application No. **20050184260**, published on August 25, 2005) with the following **replacement paragraph**:

[0016] The novel features of this invention, as well as the invention itself, will be best understood from the attached drawings, taken along with the following description, in which similar reference characters refer to similar parts, and in which:

FIG. 1A is a schematic diagram of a seismic system including a central electronics and multiple nodes and employing digital optical communications;

FIG. 1B is a diagram of a seismic sensor node including seismic sensors and an interface device;

FIG. 1C is a diagram of a seismic sensor with sensor elements;

FIG. 2 is a diagram showing the transducer and life support and power components of the node in FIG. 1;

FIG. 3A is a diagram of a MEMS accelerometer sensor;

FIG. 3B is a diagram of a velocity sensor;

FIG. 3C[[A]] is a diagram of a hydrophone sensor; and

FIG. 4 is a diagram of the seismic system showing the components of the optical transmission system.